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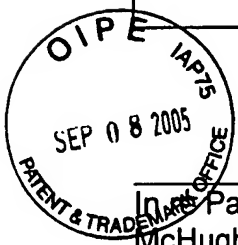
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Dated: 9/8/05 Signature: Melody J. Amsberg
(Melody Amsberg)

Docket No.: 291958232US1
Client Ref No. 03-0025US2

(PATENT)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
McHugh et al.

Application No.: 10/734,098

Confirmation No.: 7992

Filed: December 11, 2003

Art Unit: 3753

For: Paddles and enclosures for enhancing
mass transfer during processing of
microfeature workpieces

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

Copies of the foreign and non-patent references on the PTO/SB/08 are provided.

Application No.: 10/734,098

Docket No.: 291958232US1

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 50-0665, under Order No. 291958232US1.

Dated: Sep. 8, 2005

Respectfully submitted,

By 

John M. Wechkin

Registration No.: 42,216

PERKINS COIE LLP

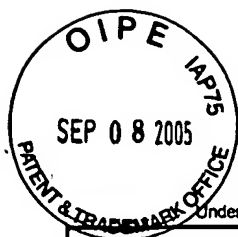
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PTO/SB/08a/b (07-05)

Approved for use through 07/31/2006. OMB 0651-0031
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| Substitute for form 1449A/B/PTO | | | Complete if Known | | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | | Application Number | 10/734,098-Conf. #7992 | |
| | | | Filing Date | December 11, 2003 | |
| | | | First Named Inventor | Paul R. McHugh | |
| | | | Art Unit | 1742 | |
| | | | Examiner Name | W. T. Leader | |
| Sheet | 1 | of | 2 | Attorney Docket Number | 291958232US1 |

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|-----------------------|--|--------------------|--|
| Examiner Signature | | Date Considered | |
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| | | | | Application Number | 10/734,098-Conf. #7992 |
| | | | | Filing Date | December 11, 2003 |
| | | | | First Named Inventor | Paul R. McHugh |
| | | | | Art Unit | 1742 |
| | | | | Examiner Name | W. T. Leader |
| Sheet | 2 | of | 2 | Attorney Docket Number | 291958232US1 |

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|---|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | | WU, Z.L. et al., "Methods for Characterization of Mass Transfer Boundary layer in an industrial Semiconductor Wafer Plating Cell," Abs. 165, 205 th Meeting, © The Electrochemical Society, Inc., 2004 (1 Page). | |

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